

AMENDMENTS TO THE ABSTRACT:

Please replace the current Abstract with the following amended Abstract.

ABSTRACT OF THE DISCLOSURE

A UV sensor ~~comprises~~ (1) includes a container [[5]] (5) in which the upper end opening of a metal side tube [[2]] (2) is sealed with a front plate [[3]] (3) composed of [[Kovar]] borosilicate glass as an incident light window and the lower end opening is sealed with a base plate [[4]] (4). The front plate [[3]] (3) serving as an incident light window constitutes part of the wall of container [[5]] (5) by sealing the upper end opening of the metal side tube [[2]] (2). A pin-type photodiode [[6]] (6) is disposed inside the container [[5]] (5). The pin-type photodiode [[6]] (6) comprises a photoabsorption layer [[9]] (9) formed from $In_xGa_{(1-x)}N$ ($0 < x < 1$) between an n-type contact layer [[8]] (8) and a p-type contact layer [[10]] (10).